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Subject: FW: Mayors Point - Discharge Investigation Report
Date: Monday, April 26, 2021 1:36:06 PM

Please make sure line breaks are enabled

Good Morning CDR Broyles, CDR Coleman,

Attached is our contractor's final report for the work recently completed related to the BERMS case. I have reviewed the attached data and have asked Resolve Marine to send us the certified final version of the document, which should be identical to what is attached. The summary of results for each property are below:

Legend:

(BTEX) benzene, toluene, ethylbenzene, and xylenes

(TPH) Total Petroleum Hydrocarbons

(GRO) Gasoline-range Organics

(DRO) TPH – Diesel-range Organics

(ORO) TPH – Oil-range Organics

Georgia Port Authority

All three groundwater samples collected from the GPA property contained benzene at concentrations above the Georgia EPD comparison standard. GPA-05 and GPA-09 also exceeded the standard for ethylbenzene. Additionally, a free product sample collected from well GPA-01 and submitted for fingerprint analysis was found to most-closely resemble unleaded gasoline.

Pac Comm

Tetra Tech installed five monitoring wells on the Pac Comm property. Laboratory analytical results revealed monitoring wells PC-04 and PC-05 contained BTEX constituents at concentrations that exceeded

the GAEPD comparison standards, as well as detectable levels of TPH. Tetra Tech did not collect a groundwater sample from well PC-03 due to the volume of free product encountered during sampling (4.5 ft of product in well).

Tetra Tech did collect a free product sample from PC-03 for fingerprint analysis and the sample (PC03-

GW) was found to most-closely resemble a gasoline/diesel/#2 fuel oil mixture.

Ocean Petroleum

The two monitoring wells located upgradient of the ASTs (OP-01 and OP-04) did not contain BTEX compounds at levels exceeding GAEPD comparison standards; the laboratory analytical results for all of

the other monitoring wells on the property where Tetra Tech collected samples exceeded the standards for

one or more BTEX compounds.

Tetra Tech also collected a free product sample from existing monitoring well MW-11, which was submitted for fingerprint analysis. Results of the fingerprint analysis identified the free product to most closely

resemble #2 fuel oil.

Son and Sons Property

Laboratory analysis of the two Scott and Sons groundwater samples did not detect any BTEX compounds

or TPH-GRO in either of the samples. Sample SS1-GW had a detection of TPH-DRO and TPH-ORO;
SSW-GW had a detection of TPH-DRO

The results of ground water monitoring show a fairly consistent gradient, from the east directly towards the East

Brunswick River, with a slight northward component. However, at high tide, the river level is higher than

the water level in well OP-03, indicating that there is likely migration from the river to the near-shoreline.

Tetra Tech has identified soil contamination on both the Pac Comm property and Ocean Petroleum property that exceeds GAEPD UST Program Comparison Levels for BTEX constituents, TPH-GRO and

TPH-DRO.

Petroleum fingerprinting indicates that free product present on the GPA property is consistent with gasoline; free

product present on Ocean Petroleum is consistent with #2 fuel oil; and free product present between these

two properties on the Pac Comm property is consistent with a mixture of gasoline and #2 fuel oil.

To limit the size of this email, I ask that you continue reviewing Page 12 of the attached document for the summary of Tetra Techs results/conclusions.

I have asked our contractor, Resolve Marine, to provide us with a presentation this upcoming Friday to explain the results in more detail. I will send a calendar invite tomorrow when I finalize the time.

Over the next few weeks I will develop our next course of action for this case and share with the group. Thank you to everyone who has helped get us to this point so far and think we are finally getting closer to the end of the mystery.

If you have any questions, please feel free to call or email me at any time.

Respectfully,

LCDR Matthew Spado

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From: Aaron Jozsef <ajozsef@resolvemarine.com>

Sent: Friday, April 23, 2021 1:16 PM

To: Spado, Matthew A LCDR <Matthew.A.Spado@uscg.mil>

Subject: [Non-DoD Source] Mayors Point - Discharge Investigation Report

Good Afternoon LT Spado,

Please find attached the 'draft' report for our investigation at Mayor's Point. I've reviewed the data. Where it is not as definitive as I would have liked, it does provide enough information for two of the properties and potentially a last clearance bench mark for the 3rd. They are listing it as 'draft' pending your final review and comments before we officially issue it. Please circulate it and have a read through. If you find it satisfactory without revisions, we can issue it relatively quickly. I am available to discuss further if we can schedule it a few hours in advance. Hope this email finds you well.

Best regards,

Aaron Jozsef

Resolve Marine Group

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